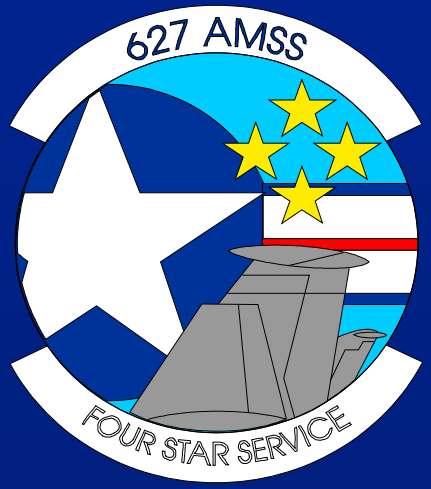
# 627th Air Mobility Support Squadron




# Using Kaizen Tools to Address ERI Defi

**By Ian Swann**
**Chief of Quality Office**

# Overview

- The Problem
- Use of Kaizen Event
- Results

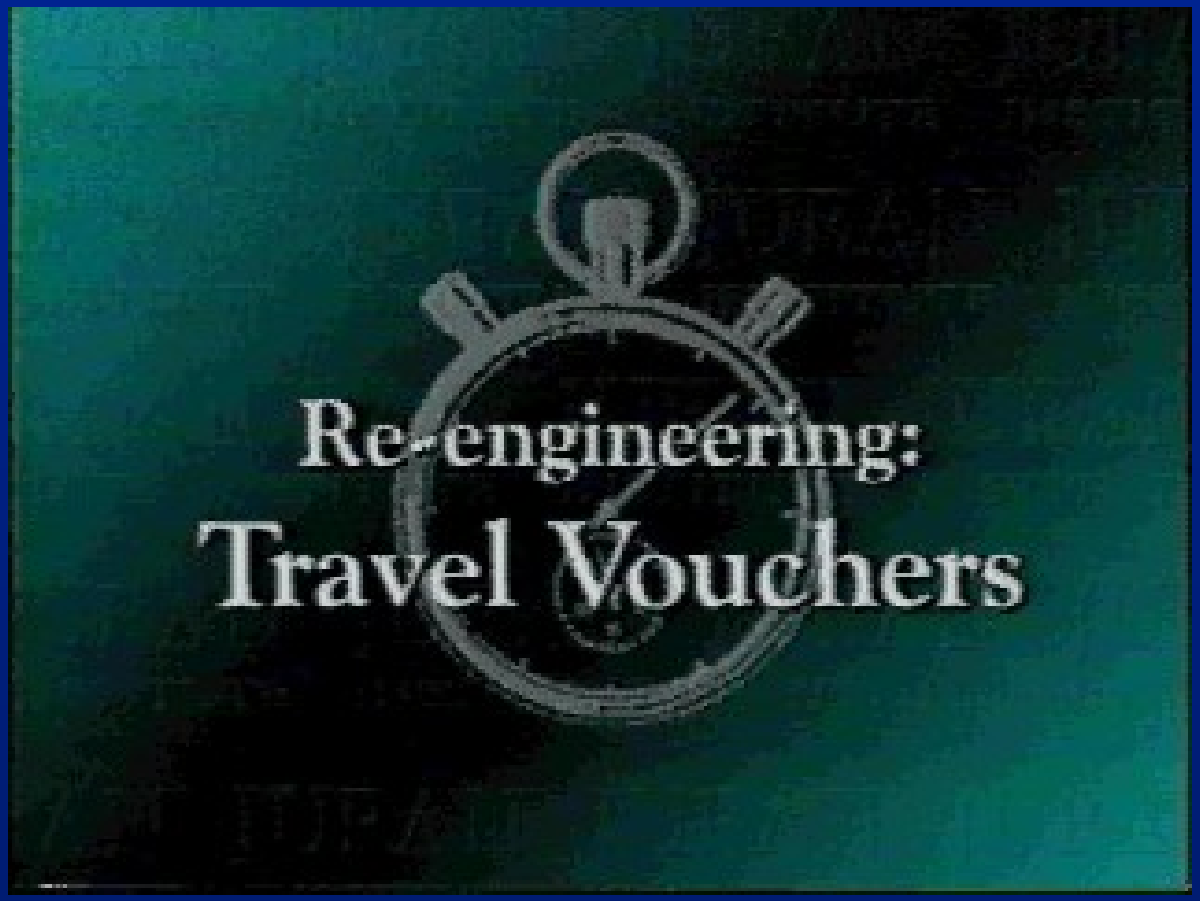
# The Problem

- **Correct ERI Deployment RED Rating**
  - Tasking - Vehicle UTCs Only
  - Host Base Deployment Function Required
  - Squadron Deployment Process Needed Attention

# Kaizen Events

- Kaizen ‘A State Of Mind’
- Not Action Workout
- Utilizes AWO Tools

# Make Our People Review Their Processes



# Benefits Of Kaizen Events

- Short -  3 to 5 Days
- Continuous Process Review
- Get Leadership and Process Owner’s Buy-in
- Uses Tools From the AWO Without The ‘Pain’
- Enables Workers To Implement The Changes
- Follow-up

# Kaizen Events Completed in 1999

- Passenger Terminal AWO Review
- Logistics Aircraft Recovery

# Kaizen Events Scheduled in 2000

- **Deployability - 4-11 April**
- **CAB Information Decimation - 17-21 July**
- **Systems and Communications - September**
- **TRK - December**

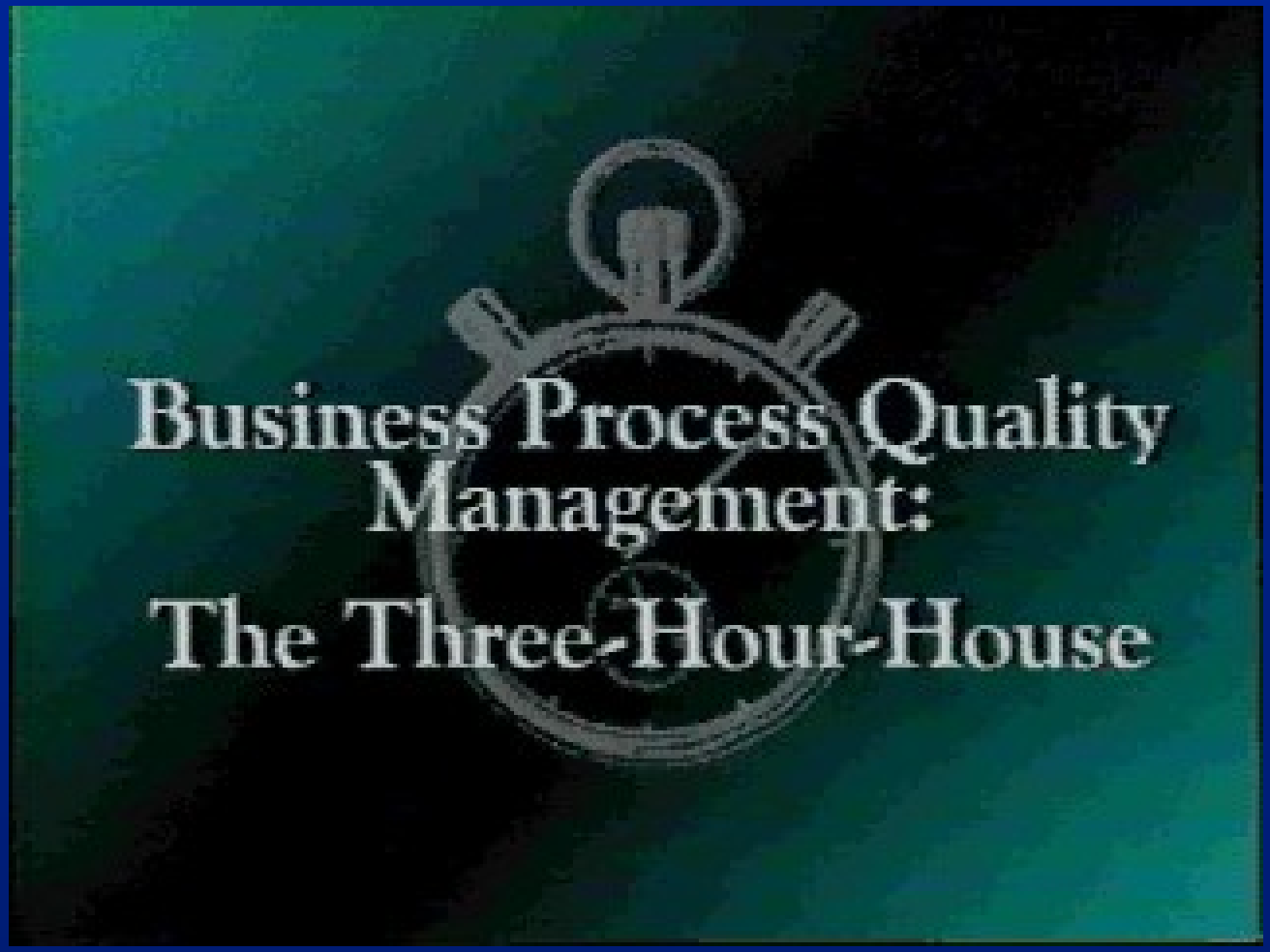
# Use of Kaizen Event

- Address RED in Deployability
- Commander Charters Kaizen Event
- Goal:  12 Hours

# Work the Problem

# Preparation Work

# Our Paradigms Are Our Limit



# Kaizen Event Team

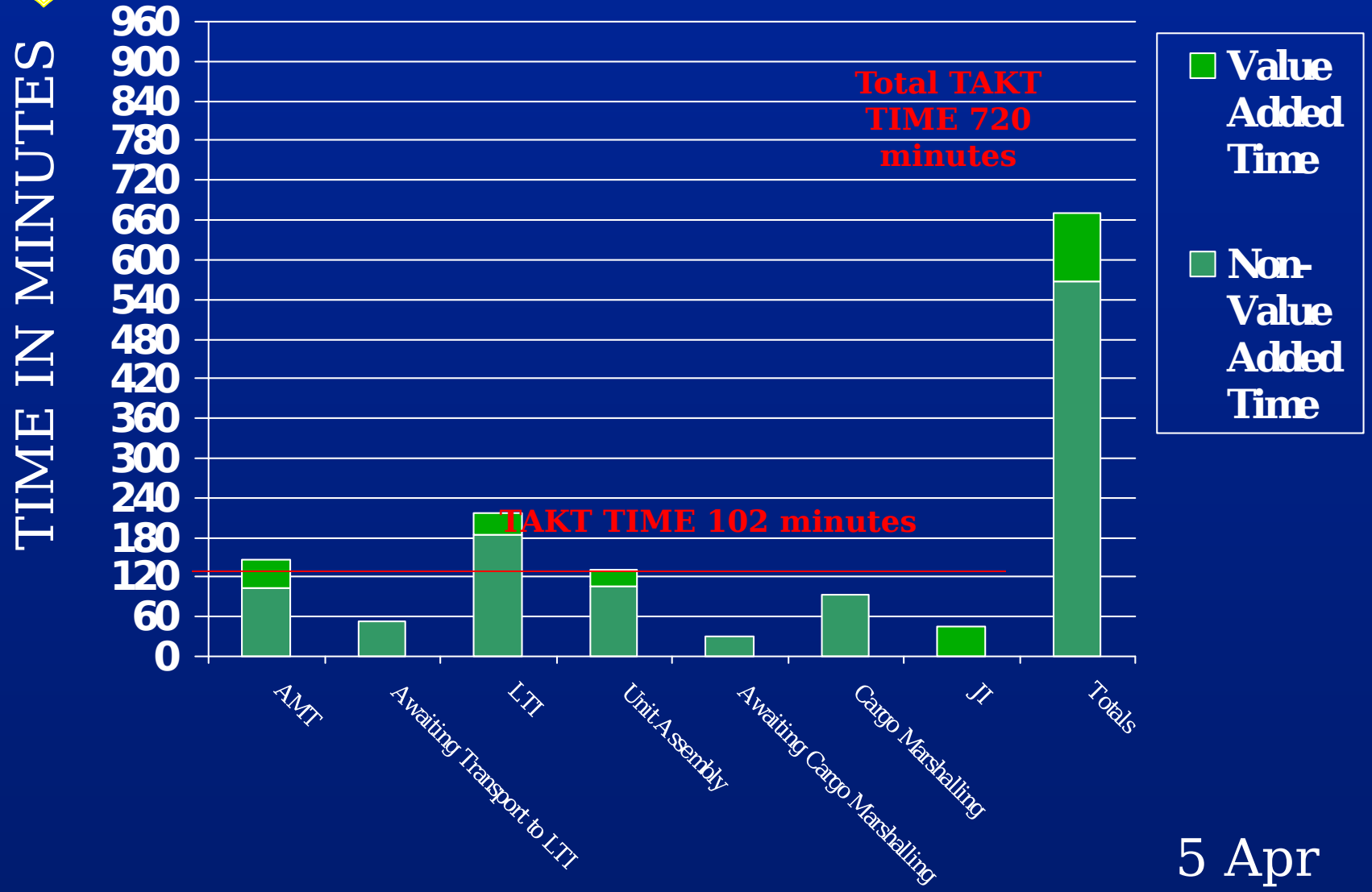
# Baseline

# ‘In Data We Trust’

# Results

# PROCESS TIMES FOR READINESS

## 25,000LB Aircraft Loader, Reg # 93E115



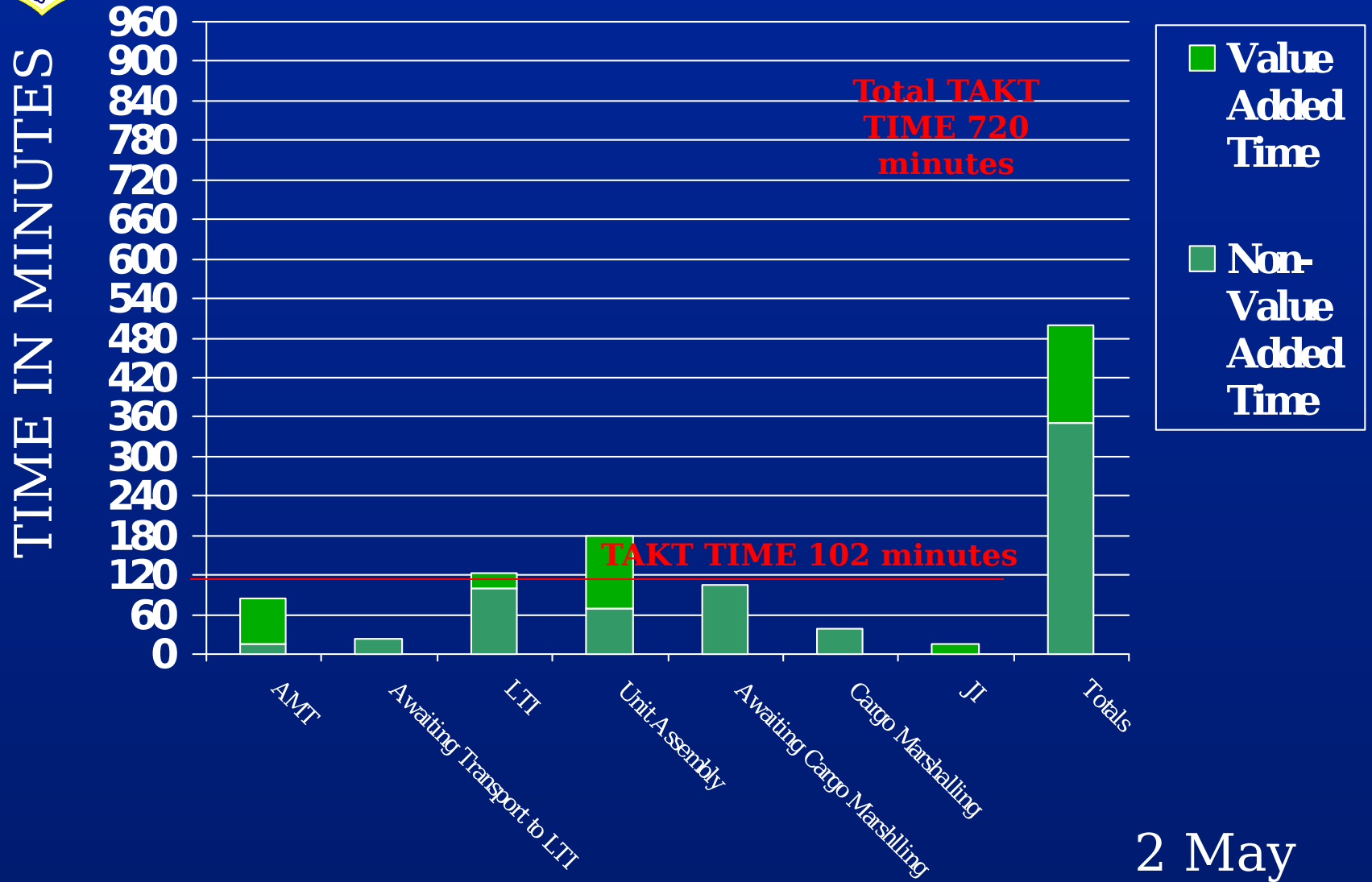

5 Apr 00

# Follow Up

- Team Briefed Leadership On Results, Data, and Recommendations
- Process Owners Acted On Findings

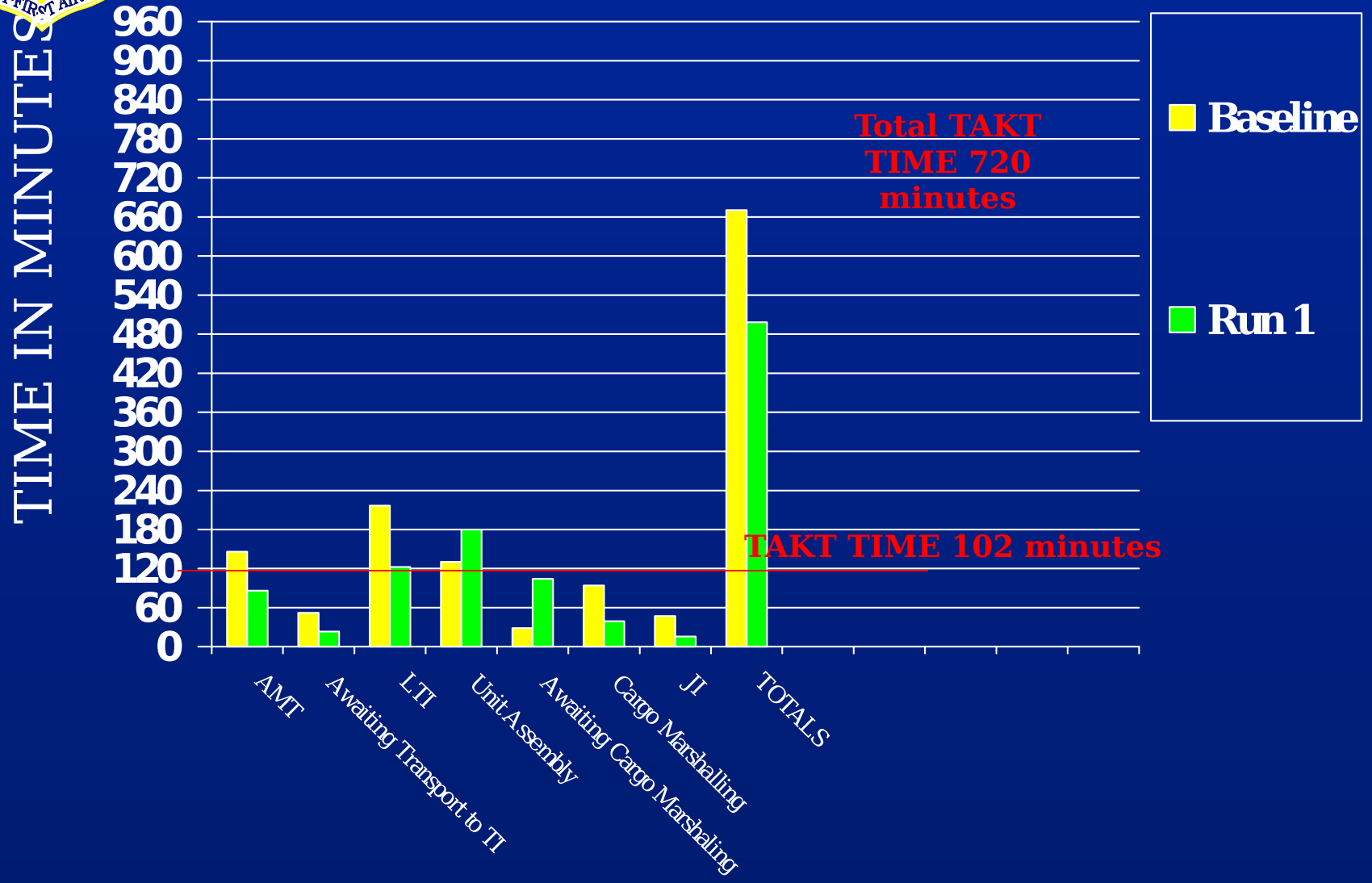
# PROCESS TIMES FOR READINESS

## 25,000LB Aircraft Loader, Reg # 84E042




2 May 00

# COMBINED PROCESS TIMES FOR READINESS 25,000LB AIRCRAFT LOADER



# DAILY PROGRESS REPORT

| | BASELINE (5/4/00) | DAY 1 (2/5/00) |
|---|---|---|
| SET-UP TIME | 2:25 HOURS (145 MINS) | 1:25 HOURS (85 MINS) |
| CYCLE TIME | 15:50 HOURS (950 MINS) | 9:52 HOURS (592 MINS) |
| MAN-HOURS | 39 PERSONNEL 617:30 HOURS | 27 PERSONNEL 266:40 HOURS |
| DISTANCE TRAVELED | 34 MILES/1:37 HOURS | 30.6 MILES/1:27 HOURS |
| INVENTORY | 10 | 9 |

# Review

- The Problem
- Use of Kaizen Event
- Results

# QUESTIONS?